

GRUZA, Z. [Hruza, Z.]

Protein reserve in the organism [with summary in English]. Vop.pit.  
18 no.1:7-12 Ja-F '59. (MIRA 12:2)

1. Iz laboratorii fiziologii i parofiziologii obmena veshchestv  
Chekhoslovatskoy akademii nauk (zav. O. Poupa), Praga, Chekhoslo-  
vatskaya Narodnaya Respublika.

(PROTEINS, metab.

liver reserve in newborn rats (Rus))

(LIVER, metab.

protein reserve in newborn rats (Rus))

(INFANT, NEWBORN,

liver protein reserve in newborn rats (Rus))

HRUZA, Z.

Sex factor in circulatory reaction in rats traumatized in Noble-Collipies  
appliance. Cesk. fysiол. 8 no.3:201 Apr 59.

1. Laborator pro fysiologii a patofysiologii premeny latek CSAV. Praha.  
Predneseno na III. fysiologickych dnech v Brne dne 13. 1. 1959.  
(SHOCK, experimental.

sex factor in circ. reactions to traum. shock (Cz))

CHAVPIL, M.; HRUZA, Z.

Effect of aging and of malnutrition on chemical contraction and relaxation of the collagen fibers in rats. Cesk. fysiол. 8 no.5: 409-410 S '59

1. Ustav hygieny prace a chorob z povolani a laborator pro fysiologii a patofysiologii premeny latek CSAV, Praha.

(AGING eff.)

(DEFICIENCY DISEASES exper.)

(COLLAGEN)

HRUZA, Z.;CHYTIL, F.

Experimental trauma and adaptation to trauma in Noble-Collip's  
drum, Cesk. fysiolo. 8 no.6:505-514 N '59

1. Laborator pro fysiologii a patofysiologii premeny latek CSAV,  
Praha.

(WOUNDS AND INJURIES exper.)

(ADAPTATION PHYSIOLOGICAL)

HOLECKOVA, E.; CHYTIL, F.; HRUZA, Z.; OHVAPIL, M.

Hyperphagia following hunger and metabolic characteristics in :  
laboratory rats and in wild mice. Cesk. fysiол. 9 no.1:16-17  
Ja 60.

1. Laborator pro fysiologii a patofysiologii premeny latek CSAV  
a Ustav hygieny prace a chorob z povolani, Praha.  
(HUNGER)

HRUZA, Z.

Reactions of the lymphatic system to trauma in Noble-Collip's  
drum and during the process of adaptation to trauma. Cesk.fysiol.  
9 no.3:235-236 My '60.

1. Laborator fysiologie a patofysiologie premeny latek CSAV,  
Praha.

(WOUNDS AND INJURIES exper)

(ADAPTATION PHYSIOLOGICAL)

(LYMPHATIC SYSTEM physiol)

HBUZA, Z.

Physiology of aging, *Cesk.fysiol.* 10 no.2:118-130 Mr '61.

1. Laborator pro fysiologii a patofysiologii premeny latek  
CSAV, Praha.  
(AGING physiol)

HRUZA, Z.

Urea formation during adaptation to trauma in the Noble-Collip  
drum. Physiol Bohemoslov 10 no.6:529-533 '61.

1. Institute of Physiology, Department of Physiology and Patho-  
physiology of Metabolism, Czechoslovak Academy of Sciences, Prague.  
(UREA metab) (WOUNDS AND INJURIES exper)  
(ADAPTATION PHYSIOLOGICAL)

HRUZA, Zdenek, dr.

The 6th Congress of the International Association of Gerontology  
in San Francisco. Vestnik CSAV 70 no.1:151-155 '61.

HRUZA, Z.

Participation of the adrenal glands in metabolic changes during adaptation to trauma. *Physiol. bohemoslov.* 11 no.3:206-211 '62.

1. Institute of Physiology, Department of Metabolism, Czechoslovak Academy of Sciences, Prague.

(ADRENAL GLANDS physiology)  
(WOUNDS AND INJURIES experimental)

HRUZA, Z.; CHVAPIL, M.

Collagen characteristics in the skin, tail tendon and lungs in experimental atherosclerosis in the rat. *Physiol. Bohemoslov.* 11 no.5:423-429 '62.

1. Institute of Physiology, Czechoslovak Academy of Sciences; Institute of Industrial Hygiene and Occupational Diseases, Prague.  
(COLLAGEN) (ARTERIOSCLEROSIS) (SKIN)  
(TENDONS) (LUNG)

CHVAPIL, M.; HRUZA, Z.

Sexual differences in the amount and reactivity of connective tissue following an atherogenic diet. *Physiol. Bohemoslov.* 11 no.5:430-436 '62.

1. Institute of Industrial Hygiene and Occupational Diseases; Institute of Physiology, Czechoslovak Academy of Sciences, Prague.

(ARTERIOSCLEROSIS)	(SEX)	(COLLAGEN)
(TENDON)	(LUNG)	(SKIN)

HRUZA, Z.

CZECHOSLOVAKIA

G. HUDLICKA, J. BURET, C. DUBESOVA, V. GROSJEAN, E. NOLECKOVA, J. NOLECKAR and Z. HRUZA [Affiliations not stated]

"Progress in Physiological Science. The 22nd International Physiological Congress in Leyden."

Praque, Ceskoslovenska Fysiologie, Vol 12, No 1, Jan 1963; pp 68-73.

Abstract: This is actually a series of 7 articles authored by the above 7 authors as follows: general aspects; conditioned reflexes, spreading depression, electrical activity of the cerebral cortex; sleep and awakening, biochemistry and metabolism of brain, reticular formation; general physiology and pharmacology; cell physiology; the neuron, the synapse, ganglionic transmission, mediators, GABA; and adaptation, stress and shock. Very condensed reports of this meeting in September, 1962 in Holland, giving essentially little more than the titles and authors and nationalities or cities of origin. Some papers are discussed in a few sentences.

1/1

CZECHOSLOVAKIA

Z. HRUZA [Affiliation not given.]

"International Gerontology Conference in Budapest in October 1962."

Prague, Ceskoslovenska Fysiologie, Vol 12, No 3, May 63; pp 218-219.

Abstract : Report of this 3-day conference; 179 papers presented mainly by Soviet Hungarian Rumanian and Czech workers; about 20 are briefly abstracted with comments about some scientific institutes where authors work and also about discussion of some of the presentations.

1/1

HRUZA, Z.; JELINKOVA, M.; HLAVACKOVA, V.

Decreased reactivity of adipose tissue to adrenaline and connective tissue characteristics in rats adapted to trauma.  
Physiol. Bohemoslov. 13 no.3:292-295 '64

1. Institute of Physiology, Czechoslovak Academy of Sciences,  
Prague.

HRUZA, Z.

Lymphocytopenia following trauma and adaptation to trauma. Physiol.  
Bohemoslov. 13 no.3:296-299 '64

1. Institute of Physiology, Czechoslovak Academy of Sciences,  
Prague.

HRUZA, Z.; HLAVACKOVA, V.; JELINKOVA, M.

The characteristics of connective tissue and the reactivity of adipose tissue in experimental atherosclerosis. Physiol. Bohemoslov. 14 no.2:137-145 '65.

Biochemical and morphological changes in adipose tissue from rats of different ages. Ibid. 14:146-151

1. Laboratory of Experimental Gerontology, Institute of Physiology, Czechoslovak Academy of Sciences and Institute of Histology, Medical Faculty, Charles University, Prague.

STUCHLIKOVA, E.; HRUSKOVA, J.; MLATECKOVA, V.; KREJCIK, L.; HRUZA, Z.;  
JELINKOVA, M.

Effect of heparin on the non-esterized fatty acid level in the  
obese in relation to age. Cesk. gastroent. vyz. 19 no.5;267-272  
Jl '65.

1. IV. interni klinika fakulty vseobecneho lekarstvi Karlovy  
University v Praze (prednosta prof. dr. M. Fucik) a Fyziolo-  
gicky ustav Ceskoslovenske akademie ved v Praze.

CZECHOSLOVAKIA

HNEVKOVSKY, P., SOUKUPOVA, M., HBUZA, Z. Biological Institute,  
Medical Faculty, Charles University, Physiological Institute,  
Czechoslovak Academy of Sciences (Biologicky Ustav Lek. Fak. UK;  
Fysiologicky Ustav CSAV), Prague.

"Role of Collagen Binding in Changes Observed in Vitro in Kidney  
Cells During Ontogenesis of Donor."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, p 109

Abstract: The behavior of cells in ontogenesis differs according  
to the age of the donor. The possibility that such behavior is  
due to different amounts of collagen binding of the cells was  
investigated. The cells were released from the tissue by trypsin  
and cultivated in vitro; the differences persisted and it is  
therefore assumed that they are due to ontogenetic changes in  
cells proper and not to different amounts of intracellular  
binding. 1 Figure, 5 Czech references. Submitted at "16 Days  
of Physiology" at Kosice, 29 Sep 65.

1/1

CZECHOSLOVAKIA

HRUZA, Z., HLAVACKOVA, V., BABICKY, A; Physiological Institute, Czechoslovak Academy of Sciences and Department of Radioisotopes, Biological Institute, Czechoslovak Academy of Sciences (Fysiologicky Ustav CSAV a Radioisotopove Oddeleni Biologickeho Ustav CSAV), Prague.

"Bonding of Calcium and Cholesterol by Soft Tissues in Young and Old Rats."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, pp 123-124

Abstract: The study was made on collagenous tendons in rat tail;  $Ca^{45}$  was used and showed that with increasing age the affinity of the tendon for calcium increases when Ca is injected in vivo. In vitro the affinity decreases with increasing age.  $C^{14}$  cholesterol behaves similarly. Parabolic experiments with young and old rats confirmed the existence of a factor that has a different action in vivo than in vitro. 1 Figure, no references. Submitted at "16 Days of Physiology" at Kosice, 28 Sep 65.

1/1

APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618230006-5"

CZECHOSLOVAKIA

UDC 616-622.76.7-057:637.52(437.6)

PLESKO, Ivan; HRUZEK, Julius, JANOVICOVA, Eva; SASVARI, Karol; Chair of Epidemiology (Katedra Epidemiologie), Head (Veduci) Docent Dr E. KMETY and Chair of Infectious Diseases (Katedra Infektologie) Head (Veduci) Docent Dr J. HRUZEK, Medical Faculty, Comenius University (Lekarskej Fakulty KU), Bratislava.

"The Problem of Occupational Leptospiroses in Employees of the Slovak Meat Industry."

Prague, Pracovni Lekarstvi, Vol 18, No 5, Jun 66, pp201-206

Abstract [Authors' English summary modified]: In the period 1952-1964, 970 cases of leptospirosis were found in Slovakia; 108 of these occurred in employees of the meat industry. The disease was caused by *L. pomona*, *L. tarasovi* (hyos), *L. canicola*, *L. serjo*, *L. icterohaemorrhagiae*, *L. bratislava*, and *L. gripho-typhosa*. Half of the cases were in workers younger than 20 years. Serological control among employees of meat industry at Bratislava revealed 64 cases, that is 14.6% of the total number of employees. In workers at pig slaughter houses the percentage was 59.3. Treatment of the disease and prophylaxis are discussed. Polyvalent vaccination should be used for workers in the industry. 1/1 2 Fig., 3 Tab., 10 Western, 19 Eastern refs. (Ms. rec. 28 Jul 65).

CZECHOSLOVAKIA

Hruzik, J., Doc. MUDr, CSc.; UJHAZYOVA-KRALIKOVA, D.; MATHERNOVA, V.; SOBOTA, K.

1. Dept. of Infectology, Faculty of Medicine, Comenius Univ.  
(Katedra infektologie Lek. fak. Univerzity Komenskeho), Bratislava  
(for ?; Hruzik - Head); 2. Dept. of Neurology (Katedra neurologie),  
Faculty of Medicine, Comenius Univ., Bratislava (for ?)

Bratislava, Bratislavské lekárske listy, No 9, Vol. 2, 9 Nov 1966, pp 545-49

"Sequellae following meningoencephalitides due to tick-borne encephalitis  
virus and leptospirae."

COUNTRY Czechoslovakia  
CATEGORY Microbiology

APR. JOUR. Ref Zhur-Biologiya, No.4, 1959, No. 14895

AUTHOR : Karolcek, J., Hruzik, J., Odler, I., Sitar, E.,  
INSTR. : Draskovicova, M.

TITLE Experimental Treatment of Bacterial Carriers  
Following Typhoid and Paratyphoid Fever.

ORIG. PUB. : Ceskosl. epidemiol., mikrobiol., imunol., 1958,  
7, No.1, 57-65

ABSTRACT : 35 persons, who had recovered from typhoid or  
paratyphoid fever and were bacterial carriers,  
underwent various methods of treatment: im-  
muno-therapy and treatment with antibiotics  
and sulfonamides along with immuno- and chem-  
otherapy. Kammerfodre has reported success  
with penicillin-sulfathiazol therapy in some  
cases (Lancet, 1946, 251, 6319) and treat-  
ment with penicillin combined with strepto-  
mycin. It is noted that immuno-therapy re-

CARD: 1/2

ABSTRACT : blood serum as far as Salmonella typhi was  
concerned, which might indicate an unfavor-  
able effect of the therapy.

APPROVED FOR RELEASE: 09/21/2001ts CIA-RDP86-00513R000618230006-5"

CARD: 2/2

HRUZIK, J.

1. On the Vasomotor Regulation in Arterial Blood Pressure Induced by Deep Breathing, and the Resultation of its Reflexic Applications, by DR. RUDOLF VON KROGH, Institute of Experimental Medicine at the Slovak Academy of Sciences (Univ. experimental medicine, medical Slovaks (not students read); diploma (medical) of the Association of Academics of Sciences and corresponding member of the Slovak Academy of Sciences; pp 47-50. (English summary).
2. On the Psychic Changes of Vasomotor Activity in Poetic Inquiry to the Lovers, by DR. EDUARD A. ABRAMOVIČ and J. KROKH, from the 1. Clinic of Internal Medicine (1. Internal Medicine) at the Medical Faculty of Comenius University (Johanna Institute University Komenského) in Bratislava headed by (professor) Professor R. GILJAK, MD; and from the Institute of Psychological Anatomy (Physiological Institute) at the Medical Faculty of Comenius University in Bratislava headed by Doctor M. BUDOVSKÝ, MD. pp 50-51. (English summary).
3. On the Psychic Factors in the After-Processes of Intoxication, by DR. J. BUDOVSKÝ of the Clinic of Geriatrics (Geriatrics Institute) at the Medical Faculty of Comenius University in Bratislava, headed by DR. GILJAK, corresponds the member of the Slovak Academy of Sciences; pp 49-50. (English summary).
4. On the Importance of the Psychosomatic Component in Beriberi and Raynaud's Disease, by DR. EDUARD A. ABRAMOVIČ of the Clinic of Clinical Medicine (Medicine Institute) at the Medical Faculty of Sciences at the Faculty of the Slovak Academy of Sciences; diploma of Doctor J. KROKH; corresponds the member of the Slovak Academy of Sciences; pp 49-50. (English summary).
5. Late Results of the Surgical Treatment of Pulmonary Tuberculosis by Thoracoplasty, by DR. EDUARD A. ABRAMOVIČ, from the First Tuberculosis Institute (First Tuberculosis Institute) in Bratislava headed by (professor) Professor R. GILJAK, MD; and from the Institute of Psychological Anatomy (Physiological Institute) at the Medical Faculty of Comenius University in Bratislava headed by Doctor M. BUDOVSKÝ, MD; and from the Department of Psychological Training in Particulars and the Institute of Psychology (Psychology Institute) headed by Doctor S. KROKH, MD; diploma of Doctor J. KROKH; corresponds the member of the Slovak Academy of Sciences; pp 49-50. (English summary).
6. The Anthropological Statistics, by Doctor S. KROKH, MD, chief (professor) of the Department of Characteristics and Genetic and Clinical Anthropology, corresponds the member of the Slovak Academy of Sciences; pp 49-50. (English summary).

\ HRUZIK, J.; JAVORSKY, A.; LANGER, J.

On dynamics of changes in the transaminase activity in toxic liver injuries. Bratisl. lek. listy 42 no.8:465-475 '62.

1. Z I internej kliniky Lek. fak. Univ. Komenskeho v Bratislave, prednosta prof. MUDr. M. Ondrejicka, zo Statneho sanatoria v Bratislave, riaditel MUDr. J. Rusnak, a z Ustavu patologickej anatomie Lek. fak. Univ. Komenskeho v Bratislave, prednosta doc. MUDr. M. Brozman.

(TRANSAMINASE) (LIVER DISEASES exper)  
(CARBON TETRACHLORIDE toxicol)

HRUŽIK, J.; KMETY, E.; PLESKO, I.; NOSAL', M.

Leptospirosis as an occupational disease. Bratisl. lek. listy  
43 no.2:106-110 '63.

1. Katedra infektologie, veduci doc. MUDr. J. Hruzik, Katedra  
epidemiologie, veduci doc. MUDr. E. Kmety, Katedra hygieny  
prace a chorob z povolania Lek. fak. Univ. Komenského v  
Bratislave, veduci prof. MUDr. M. Nosál'.

(LEPTOSPIROSIS) (OCCUPATIONAL DISEASES)

HRUZIK, J.; CERNAK, P.; UJHAZYOVA-KRALIKOVA, D.

Neurologic manifestations of leptospirosis. Bratisl. lek listy  
44 no.6:367-372 '64.

1. Katedra infekcnych chorob Lek. fak. Univ. Komenskeho v  
Bratislave (veduci doc. MUDr. J. Hruzik) a Neurologicka  
klinika Lek. fak. Univ. Komenskeho v Bratislave (veduci prof.  
MUDr. J. Cernacek. Dr.Sc.).

CZECHOSLOVAKIA

CATAR, G., Doc. MUDr, CSc.; SOBOTA, K.; KVASZ, L.; HRUZIK, Doc. MUDr, CSc

1. Parasitological Research Laboratory, Dept. of Biology, Faculty of Medicine, Comenius Univ. (Vyskumne laboratorium parazitologie pri Katedre biologie Lek. fak. University Komenskeho), Bratislava (for Catar and ?); 2. Dept. of Infectious Diseases (Katedra infekcných chorob), Fac. of Med. Comenius Univ., Bratislava (for Hruzik, Head, and for ?)

Bratislava, Bratislavské lekárske listy, No 4, 28 Feb 67, pp 241-44

"First non-imported case of diphyllorhynchiasis in Czechoslovakia."

(4)

NICEK, F.; HRUZIK, J.; GENDIAK, P.

Surgical treatment of typhoid carriers. Rozhl. chir. 43 no.12:  
833-838 D '64

1. I chirurgická klinika (prednosta prof. dr. K. Šarasky), klinika  
infekčných chorôb (prednosta doc. dr. J. Hrušík) Lekárskej fakulty  
University Komenského v Bratislave.

HRUZIK, Ladislav, inz.

Development of forestry science and technology. Les cas 11 no.3:  
207-208 Mr '65.

1. Ministry of Agriculture, Forestry and Water Resources, Prague.

HRUŽIK, Ladislav, inz.

Problems of the technical development of forestry. Les  
cas 10 no. 1:45-60 Ja '64.

1. Ministerstvo zemědělství, lesního a vodního hospodářství,  
Praha.

BLUDOVSKY, Leonid, inz.; KRIVIZIK, Valeriy, inz.

Working forest timber damaged by a storm is an important task. Drevo 20 no.2:43-44 F 165.

1. Forestry Administration.

HRVOJIC, Bozidar, ing.

We are reporting from the periodical "Obavijest" of the Union of  
Geodesic Engineers and Geometers of Croatia. Good list 18 no.12:295-  
296 G-D '64.

FABIAN, Fryderyk; HRYCKIEWICZ, Donata; MAZURKIEWICZ, Roman

Neurological and psychiatric aspects of familial spastic sclerosis. Pol. tyg. lek. 20 no.29:1091-1093 19 J1 '65.

1. Z Kliniki Neurologicznej Pomorskiej AM w Szczecinie (Kierownik: prof. dr. med. Michal Jarema) i z Kliniki Psychiatrycznej Pomorskiej AM w Szczecinie (Kierownik: doc. dr. med. Leonard Wdowiak).

HRYSKIEWICZ, Donata

Neuropsychiatric manifestations of arterial hypotension. Pol.  
tyg. lek. 19 no.15:567-569 6 Ap '64.

1. Z Kliniki Chorob Nerwowych Pomorskiej Akademii Medycznej w  
Szczecinie (kierownik: prof. dr. med. M. Jarema).

WASZKIEWICZ-GOLOS, Helena; HRYCKO-SPIOCHOWA, Maria

Histological changes in the dental 1 pulp treated with penicillin.  
Pat. polska 9 no.2:191-201 Apr-June '58.

1. Z Zakladu Stomatologii Zachowawczej Sl. Akad. Med. w Zabrze Kierownik:  
doc. dr A. Erb i z Zakladu Anatomii Patologicznej Sl. Akad. Med. w  
Zabrze Kierownik: doc dr W. Niepolomski. Adres autora: Zabrze, ul.  
3 Maja 13/15.

(PENICILLIN, eff.

on dent. pulp. histol. in pulpitis ther. (Pol))

(DENTAL PULP, eff. of drugs on

penicillin on pulp. histol. during pulpitis ther. (Pol))

HRYSKO-SPIOCHOWA, Maria; WASZKIEWICZ-GOLOS, Helena

Problem of the dental pulp in clinically-normal subjects. Pat.  
polska 10 no.4:485-493 O-D '59.

1. Z Zakladu Anatomii Patologicznej Sl. A.M. w Zabrze. Kierownik:  
prof.dr. W. Niepolomski. Z Zakladu Stomatologii Zachowawczej Sl.  
A.M. w Zabrze p.o. Kierownika: dr. med. W Zaleski.  
(DENTAL PULP anat.& histo

SPIOCH, Franciszek M.; HRYCKO-SPIOCHOWA, Maria

Effect of cytochrome c in experimental hypoxia caused by carbon monoxide poisoning. Arch.immun.ter.dosw. 8 no.4:759-774 '60.

1. Instytut Medycyny Pracy w Przemysle Węglowym i Hutniczym w Zabrze-Rokitnicy, Zakład Anatomii Patologicznej Śląskiej Akademii Medycznej w Zabrze-Rokitnicy, Ośrodek Badań Lekarskich przy Centralnej Stacji Ratownictwa Górniczego w Bytomiu.

(ANOXIA exper) (CYTOCHROMES metab)  
(CARBON MONOXIDE toxicol)

HRYCKO-SPIOCHOWA, Maria; WASZKIEWICZ-GOLOS, Helena

On the problem of reticular atrophy of the dental pulp. Pat.polska  
11 no.3:235-244 '60.

1. Z Zakladu Anatomii Patologicznej Sl. AM w Zabrze, Kierownik:  
Prof.dr W.Niepolomski. Z Zakladu Stomatologii Zachowawczej Sl.  
AM w Zabrze p.o. Kierownika: Dr W. Zaleski.  
(DENTAL PULP pathol)

HRYCKO-SPIOCHOWA, Maria; BIERNAWSKI, Wieslaw

Case of cancer of the stomach with metastases localized in the skin and meninges. Neurol. neurochir. psychiat. pol. 12 no.6:929-932 '62.

1. Z Kliniki Neurologicznej Sl. AM w Zabrze Kierownik: prof. dr W. Chlopicki.

(STOMACH NEOPLASMS) (SKIN NEOPLASMS)  
(MENINGIOMA) (NEOPLASM METASTASIS)

HRYCKO-SPIOCHOWA, Maria; WAZNA-BOGUNSKA, Czeslawa; KOWALSKI, Wacław;  
MAJEWSKI, Henryk

On the problem of "asymptomatic" peritonitis. Pol. tygod. lek. 17 no.14:  
516-517 2 Ap '62.

1. Z Zakładu Anatomii Patologicznej Sl. AM w Zabrze; kierownik: prof.  
dr med. Witold Niepolomski.

(PERITONITIS diag)

HRYCKO-SPIOCHOWA, Maria

Morphology of the pulp in clinically normal teeth during the course of diseases of other organs. Pol. tyg. lek. 17 no.30:1178-1182 23 J1 '62.

1. Z Zakładu Anatomii Patologicznej Sl. AM w Zabrze-Rokitnicy; kierownik:  
prof. med. Witold Niepolomski.  
(DENTAL PULP)



GRIGOROVICH, G.M. [Hryhorovych, H.M.]

Surface treatment and detection of dislocations in samples  
of the system HgTe - CdTe. Ukr. fiz. zhur. 10 no.4:450-451  
Ap '65. (MIRA 18:5)

1. Drogobychskiy pedagogicheskiy institut im. I.Franko.

ACC NR: AP5020693

UR/0185/65/010/008/0915/0917

AUTHOR: Shneyder, A. D.; Tsyutsyura, D. I.; Makarenko, V. V. Hryhorowych, H. M.

TITLE: Some electrical and photoelectric properties of the HgTe-ZnTe system

SOURCE: Ukrayins'kyi fizychnyy zhurnal, v. 10, no. 8, 1965, 915-917

TOPIC TAGS: zinc compound, mercury compound, telluride, Hall coefficient, electric conductivity, temperature dependence, thermoelectric power

ABSTRACT: The temperature dependence of the Hall coefficient ( $R$ ) and the conductivity ( $\sigma$ ) of HgTe and of several solid solutions of HgTe-ZnTe with small content of ZnTe have been investigated, using samples cut out from homogeneous regions of HgTe-ZnTe nonporous castings. The carrier concentrations at room temperature varied between  $6 \times 10^{16}$  and  $2 \times 10^{17} \text{ cm}^{-3}$ . The temperature dependence of the Hall coefficients of three types of the samples is typical of hole semiconductors with large mobility ratios. The curves indicate intrinsic conductivity. The temperature dependence of the thermoelectric power indicates that at a sufficiently low temperature the Hall coefficient changes sign. The electron mobility at 78K has been determined from data on the intrinsic conductivity. A value  $R_0 = 66000 \text{ cm}^2/\text{V-sec}$  was obtained for an ordinary sample. The width of the forbidden band increases practically linearly with increasing ZnTe content. The kinetic behavior of the photoconductivity is complex, with long-lasting components predominating. Orig. art. has: 2 figures.

Card 1/2

ACC NR: AP5020693

ASSOCIATION: Drohobys'kyi pedinstytut im. I. Franko (Drohobyskiy pedagogicheskiy institut im. I. Franko) Drogozych Pedagogical Institute) B

SUBMITTED: 09Mar65

NR REF SOV: 003

ENCL: 00

OTHER: 002

SUB CODE: SS

Card 2/2 

ACC NR: AM6014909

Monograph

UR/

Hryn', Mykola YEgorskymovych

Interference and wave spectra in seismographic geophysical exploration  
(Interferentsiya i spektry khvyl' u seysmoro-zvidtsi) Kiev, Naukova dumka, 1965.  
126 p. illus., biblio. (At head of title: Akademiya nauk Ukrain's'koy RSR. Instytut  
geofizyky) 700 copies printed.

TOPIC TAGS: spectrographic analysis, spectrometry, spectrophotometry, interference  
measurement, seismography

PURPOSE AND COVERAGE: The book analyzes some problems of formation and separation  
of interfering seismic waves. Fourier spectral analysis is used as a method of  
investigation. The book outlines the theory of the interference spectra of two  
waves and describes their properties, depending on frequency-phase composition  
of two added signals. Methods for plotting phase hodographs for quasi-sinusoidal  
signals are described. In addition to the general theory, the author shows by  
concrete examples the properties of the resulting spectra, depending on the wave  
parameters; damping, visible frequency, etc. The errors of simple and interfering  
waves in relation to the analyzed and nonanalyzed part of the signal are evaluated.  
The book is intended for engineers, technicians, and other specialists in the  
field of seismic prospecting.

TABLE OF CONTENTS [abridged]:

Introduction -- 3

Card 1/2

APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618230006-5"

ACC NR: AM6014909

Ch. I. Some remarks on seismic wave spectra -- 6

Ch. II. Spectra of interfering waves -- 14

Ch. III. Methods for deciphering the zones of interference of two quasi-  
sinusoidal waves -- 46

Ch. IV. Spectrum of the coefficient of reflection from a series of layers -- 70

Ch. V. Resulting spectra and errors due to limitation of analysis interval -- 97

Conclusions -- 118

Bibliography -- 122

Summary [in Russian] -- 126

SUB CODE: 08, 11/ SUBM DATE: 27Apr65/ ORIG REF: 082/ OTH REF: 015

Card 2/2

L 32594-66 ENT(1) GW  
ACC NR: AP5019414

SOURCE CODE: UR/0021/65/000/007/0889/0893

AUTHOR: Hryn', M. Ye.; Grin', N. Ye.

ORG: Institute of Geophysics AN UkrSSR (Institut geofiziki AN UkrSSR)

TITLE: Determination of the amplitude of two quasisinusoidal waves during interference

SOURCE: AN UkrSSR. Dopovidi, no. 7, 1965, 889-893

TOPIC TAGS: seismic wave, <sup>yy</sup>hodograph, signal interference

ABSTRACT: Formulas are given for the determination of the amplitudes of two pulse quasisinusoidal signals in the zone of interference from the zero point of summary oscillation. In calculations of the amplitudes from the formulas, errors are introduced by the inaccuracies in determining the angles  $\varphi_1$  and  $\varphi_2$  and the values of the summary amplitudes. These are essentially caused by an inaccuracy in drawing the zero line. These errors can be reduced by taking the average of several calculations. The amplitudes are necessary for the development of phase hodographs. The formulas are valid provided the visible periods of both signals are equal.

Card 1/2

L 32594-66

ACC NR: AP5019414

Presented by S. I. Subbotin, Academician AN UkrSSR. Orig. art. has: 16 formulas, 2 figures. 0

SUB CODE: 08/ SUBM DATE: 13May64/ ORIG REF: 005/ OTH REF: 000

Card 2/2

BK

BRZUCHOWSKA, Wanda; HRYNCEWICZ, Kryspina

The influence of new sedative drugs on phagocytosis. Arch.  
immun. ther. exp. 11 no.1/2:121-126 '63.

1. Department of Microbiology, School of Medicine, Wroclaw.  
(PHAGOCYTOSIS) (BARBITURATES)  
(HYPNOTICS AND SEDATIVES) (PHARMACOLOGY)  
(LACTONES) (IMMUNE SERUMS) (STAPHYLOCOCCUS)

SLOPEK, Stefan; LADOSZ, Jacek; HRYNCEWICZ, Krystyna; BRZUCHOWSKA, Wanda

A new method of identifying serum siderophilin by means of radioactive iron. Arch. immun. ther. exp. 13 no.2:157-160 '65

1. Department of Microbiology, School of Medicine, Wrocław;  
Department of Bacteriology, Institute of Immunology and Experimental Therapy, Polish Academy of Sciences, Wrocław.

POL/19-8-3-8/10

9(9)  
AUTHOR:

Hryńczuk, J.

TITLE:

A Contribution to the Analysis of the Phenomenon of Surge Skin Effect

PERIODICAL:

Archiwum elektrotechniki, 1959, Vol 8, Nr 3, pp 521-526 (Poland)

ABSTRACT:

This brief article gives formulae for the distribution of current density and for the intensity of the electric and magnetic fields in a conductor of circular cross-section in a transient state and with the surge current being of arbitrary shape. The formula for the distribution of current density is

$$\frac{\partial^2 j}{\partial x^2} + \frac{1}{x} \frac{\partial j}{\partial x} = \gamma \mu \frac{\partial j}{\partial t}$$

where  $j$  = the current density in A/m<sup>2</sup>,  $\gamma$  = the electric conductivity,  $\mu$  = the magnetic permeability. For the intensity of the electric and magnetic fields, the author gives the following operator formulae ✓

Card 1/3

English and 2 ✓

HRYNCHUK, J.

Computation of an ampere-turns arrangement in solenoid designed  
for a mass spectrograph. Archiw elektrotech 10 no.1:164-169 '61.

1. Politechnika Gdanska .

REMYCHAK, J.

Influence of the surge skin effect in heating of conductors  
by surge currents. Archiw elektrotech 10 no.1:170-174 '61.

1. Politechnika, Gdansk.

HRYNCHUK, Jerzy (Gdansk)

Analysis of the problem of selecting the proper form for the  
armature chamber of a magnetohydrodynamic generator. Inst masz  
przep PAN no.7:49-66 '62.

HRYNCZUK, Jerzy (Gdansk)

Effect of anisotropy in the electric conductivity of plasma on  
the working conditions of the MHD generator. Inst masz przep  
PAN nq.10:21-33 '62.

HRYNIEWICZ, A.

An insemination center for cows, p. 411. (MEDYCINA WETERYNARYJNA. Vol. 9, no. 9, Sept, 1953)

SO: Monthly List of East European Accessions, L.C., Vol. 3, No.4, April, 1954

SKRODZKI, Eugeniusz; TOMASZUNAS, Stanislaw; WOJCIK, Krystyna; HRYNIEWICZ,  
Henryk

Tularemia in the Szczecin Voievodship. IV. Investigation on  
tularemia in the field rodents. Przegl. epidem., Warsz. 8 no.3:  
173-178 1954.

1. Panstw. Inst. Medycyny Morskiej i Tropikalnej, Ponstw. Zakl.  
Higieny, Instytut Medycyny Pracy Wai

(TULAREMIA, epidemiology  
in Poland; tularemia in rodents)

(RODENTS, diseases  
tularemia, epidemiol. in Poland)

SKRODZKI, E.; TOMASZUNAS, S.; WOJCIK, K.; HRYNIEWICZ, H.

~~Mass bacteriological investigations of rodents in areas of outbreaks of tularemia.~~  
Mass bacteriological investigations of rodents in areas of outbreaks of tularemia. Bull. Inst. Marine Trop. M.Gdańsk 6:37-44 1955.

1. Z Państwowego Instytutu Medycyny Morskiej i Tropikalnej w Gdansk i Instytutu Medycyny Pracy Wsi w Lublinie.

(TULAREMIA, transmission,

rodents, mass bacteriol. exam. of rodents in endemic areas)

(RODENTS,

bacteriol. exam. in endemic areas of tularemia)

CHODKOWSKI, Alfred; PARNAS, Jozef; HRYNIEWICZ, Henryk

Variations of Brucella appearing in Poland. Przegl. epidem.,  
Warsz. 10 no.3:211-216 1956.

1. Z Zakladu Antropozoonoz Instytutu Medycyny Pracy i Higieny  
Wsi w Lublinie.

(BRUCELLA,  
types in Poland (Pol))

CECHOWICZ, Waldemar; HRYNIEWICZ, Henryk

Zoological and ecological studies on small mammals in natural foci of leptospirosis in the Lublin province. Przegl. epidem., Warsz. 12 no.1: 25-28 1958.

1. Z Zakładu Anatropozoonoz Instytutu Medycyny Pracy i Higieny w Lublinie.

(LEPTOSPIROSIS, epidemiology.

swamp fever in Poland, in small animals (Pol))

PILAWSKA, Halina; CEZAK, Leszek; HRYNIEWICZ, Zofia; RUSIN, Jan

Evaluation of the state of health, nutrition and physical development of village children in a village of the Szczecin Voivodeship. Pt.2. Rocz panst zakl hig 15 no.4:379-388 '64.

1. Institute of Hygiene, Pomeranian School of Medicine, Szczecin.  
Head: [prof. dr] I.Gadzikiewicz.

ROSNER, Julian; HRYNIEWIECKA, Izabella

Cardiolipin microflocculation reaction and the pallida reaction  
in the diagnosis of syphilis. Przegl. dermat. 51 no.2:137-146  
Mr-Apr '64.

1. Z Kliniki Dermatologicznej Akademii Medycznej w Poznaniu  
(kierownik: prof. dr A. Straszynski).

HRYNIEWIECKA-SZIFTER, Zofia, M.Sc.

The problem of application of the Gomori method for identification of acid phosphatase in tissues of Crustacea.  
Sciences biol Biul Poznan no.4:135-140 '64.

1. Department of Animal Physiology, A. Mickiewicz University, Poznan.

PTA  
HRYNIEWIECKI, A.

1346

62252

Hryniewicz, A., Feller J. Mine Cars of 3-ton Capacity.

„Pięciotonowe wozy kopalinne”. Przegląd Górniczy, No. 7--8, 1951, pp. 293--300, 3 figs., 4 tabs.

Advantages and disadvantages of 2.5 and 3 ton mine cars. New design of a 3.5 c.m. capacity car with a movable bottom adapted for self-discharging when filling ship bunkers. Positive and negative features of the new design.



HRYNIEWICZ, A.

"Hoisting installations."

Wiadomosci Gornicze, Katowice, Vol 5, No 4, Apr. 1954, p. 113

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

HRYNIEWIECKI, A.

"The Problem of Quantity and Kind of Hoists in New Mines." p.52  
(PRZEGLAD GORNICZY Vol. 10, no.2 Feb. 1954 Katowice, Poland)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

ERYNIEWICZ, A.

"Designing Winders and Shafts for High Extraction Mines", p. 361, (PRACOWNIK  
GORNICZY, Vol. 10, No. 11, November 1954, Stalino, Poland)

EO: Monthly List of East European Accessions (EMAL), IC, Vol. 4, No. 3,  
March 1955, Uncl.

HRYNIEWIECKI, A. ✓

Rigid steel guides. P. 326  
PRZEGLAD CORNICZY. (Instytut Weglowy) Stalinograd.  
Vol. 11, no. 9, Sept. 1955

SOURCE: EFAL LC Vol. 5, no. 7, July 1956

HRYNIEWICZ, A.

Principles of the construction of chain railroads.

p. 278 (Przeglad Gorniczy. Vol. 12, no. 7/8, July/Aug. 1956. Katowice, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,  
February 1958

HRYNIEWIECKI, A.

Analysis of the advantages of standardization of mine cars. p.451  
(PRZEGLAD GORNICZY, Vol. 12, No. 12, Dec. 1956, Stalinogrod, Poland)

SO: Monthly List of East European Accessions (FEAL) LC, Vol. 6, No. 9, Sept. 1957, Uncl.

HRYNIEWIECKI, A.

Trends of technical progress in the production of hoisting equipment. p.250  
(PRZEGLAD GORNICZY, Vol. 12, No. 5, May 1957, Stalinogrod, Poland)

SO: Monthly List of East European Accessions (EFAL) LC, Vol. 6, No. 9, Sept. 1957, Uncl.

HRYNIEWIECKI, Adolf; ROMIK, Stanislaw

Modern electric cagers. Wiadom gorn 12 no.1/2:27-29 Ja-F '61.

HRYNIEWIECKI, Adolf, mgr inż.

Mine car circuits to cage winders on the pit bank. Przegl gorn  
19 no.3:136-140 Mr '63.

HRYNIEWIECKI, Adolf, mgr., inż.

Problems of multirope winders. Przegl gorn 17 no.7/8:363-366 J1-Ag  
'61.

HRYNIEWIECKI, BOLESŁAW

DECEASED  
13 Feb 63

1961

Agriculture

BORSZEWSKI, Jerzy; HRYNIEWIECKI, Jan

Treatment of arterial ischemia of the extremities by intra-arterial administration of oxygen. Polski przegl. chir. 28 no. 7:689-694 July 56.

1. Z III Kliniki Chirurgicznej A.M. w Poznaniu Kierownik:  
doc. dr. med. J. Borszewski, Poznan, III Klinika Chirurgiczna  
A.M.

(VASCULAR DISEASES, PERIPHERAL,  
ischemia of extremities, intra-arterial oxygen ther. (Pol))  
(OXYGEN, therapeutic use,  
ischemia of extremities, intra-arterial admin. (Pol))

POLAND/Human and Animal Physiology (Normal and Pathological).

T-3

Blood. Blood Chemistry.

Abs Jour : Ref Zhur - Biol., No 16, 1958, 74614

Author : Hryniewiecki, Jan

Inst :

Title : Investigation of the Dynamics of Blood Serum Proteins in Post-Operative Patients.

Orig Pub : Polski przegl. chirurg., 1956, 28, No 8, 859-871

Abstract : In the serum of 50 healthy persons and of 30 post-operative patients the content of total protein was determined refractrometrically, of protein fractions - by the method of paper electrophoresis before the operation and after 1, 3 and 14 days. Depending on the seriousness of the operation, temporary shifts in the composition of the proteins set in. Transfusion of blood, plasma, introduction of amino acids and albumin before the operations exerted

Card 1/2

- 19 -

APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618230006-5"

POLAND/Human and Animal Physiology (Normal and Pathological).  
Blood. Blood Chemistry.

T-3

Abs Jour : Ref Zhur - Biol., No 16, 1958, 74614

a favorable influence on the preservation of the protein equilibrium in the post-operative period. -- S. Rotfel'd.

Card 2/2

HRYNIEWIECKI, Jan; SARNOWSKI, Marcin

Prevention of urinary sepsis in paraplegic patients following spinal cord injuries. Chir. narz. ruchu 22 no.4:385-390 1957.

1. Z III Kliniki Chirurgicznej A. M. w Poznaniu. Kierownik: doc. dr J. Borszewski. Poznan, ul. Szkolna 16, III Klinika Chirurgiczna

(PARAPLEGIA, compl.

urinary infect., prev. by tidal drainage (Pol))

(URINARY TRACT, infect.

in paraplegia, prev. by tidal drainage (Pol))

*HRYNIEWIECKI, Jan*

HRYNIEWIECKI, Jan (Poznan, III. Klinika Chirurgiczna A. M., ul. Szkolna 8/12.

Apparatus for the determination of carbon dioxide in expired air.  
Polski przegl. chir. 29 no.4:389-390 Apr 57.

1. Z III Kliniki Chirurgicznej A. M. w Poznaniu Kierownik: doc. dr  
J. Borszewski.

(RESPIRATION,

carbon dioxide in expired air, appar. for determ. (Pol))

(CARBON DIOXIDE, determination,

in expired air, appar. (Pol))

A method of constructing the device is described. It is based on the principle of absorption of  $\text{CO}_2$  by potassium hydroxide. The accuracy varies within the limits of  $\pm 0.5\%$ .

POLAND / Analytical Chemistry. Analysis of Organic Substances.

E

Abs Jour: Ref Zhur-Khim, No 12, 1959, 42157.

Author : Hryniewiecka, J.; Jaworska, J.

Inst : Not given.

Title : The Adaptation of the C. Capitani and P. Imperiale Method for the Determination of Acetic Anhydride in the Products of the Synthesis of Acetic Acid.

Orig Pub: Chem. analit., 1958, 3, No 2, 163-167.

Abstract: A modification of the Capitani and Imperiale method (Chim. Ind., 1934, 36, 8) in the presence of vinyl acetate, ethylidene diacetate, acetaldehyde and others is described. 50 ml. of glacial acetic acid (II) are added to a sample, containing ~0.1 g. of acetic anhydride (I) and, after cooling, 5 ml. of 8% solution of freshly distilled dehydrated aniline

Card 1/2

*Inst. Chemical Synthesis, Oddział Opatowania*  
E-21

POLAND / Analytical Chemistry. Analysis of Organic Substances.

E

Abs Jour: Ref Zhur-Khim, No 12, 1959, 42157.

Abstract: (III) and dehydrated  $\text{CHCl}_3$  are added. 1 ml. of ~0.1% solution of methyl violet in II are added and the excess of III is titrated with a 0.1 n. solution of  $\text{HClO}_4$  in II until it turns green. A blank experiment with III is carried out at the same time. In small batches, the reproducibility of results is 2.5%; it is recommended, therefore, to dissolve a bigger batch of the substance (2-5 g.) in 250 ml. of II and to carry out the determination with a quantity of solution containing ~0.1 g. of I. -- N. Turkevich.

Card 2/2

*HRYNIEWIECKI JAN*

BORSZEWSKI, Jerzy; ROZWADOWSKA-DOWZENKO, Maria; OLEJNICZAK, Pawel; JAZIENICKI, Boguslaw; ~~HRYNIEWIECKI, Jan~~

Ballistocardiography following intra-arterial injection of oxygen in obliterative vascular lesions. Polskie arch. med. wewn. 28 no.5: 748-751 1958.

1. Z III Kliniki Chorob Wewnętrznych A.M. w Poznaniu Kierownik: prof. dr. med. F. Labendzinski i z III Kliniki Chirurgicznej A.M. w Poznaniu Kierownik: doc. dr med. J. Borszewski. Adres autorat: Poznan, ul. Szkolna 8/12.

(BALLISTOCARDIOGRAPHY, in var. dis.  
peripheral vasc. dis., after intra-arterial oxygen  
inject. (Pol))

(VASCULAR DISEASES, PERIPHERAL, physiology  
oxygen in ballistocardiography, (Pol))

BORSZEWSKI, Jerzy; HRYNIEWIECKI, Jan

Evaluation of intra-arterial oxygen administration in arterial ischemia of legs. Polskie arch. med. wewn. 28 no.5:811-816 1958.

1. Z III Kliniki Chirurgicznej A.M. w Poznaniu Kierownik: doc. dr. med. J. Borszewski. Adres autora: Poznan, ul. Szkolna 8/12.

(OXYGEN, ther. use

peripheral vasc. dis., intra-arterial admin. (Pol))

(VASCULAR DISEASES, PERIPHERAL, ther.

oxygen, intra-arterial admin (Pol))

HRYNIEWIECKI, Jan; SARNOWSKI, Marcin

Hemorrhage from duodenal and jejunal ulcers following exclusive gastric resection using Finsterer's method. Polski przegl. chir. 30 no.5:502-504 May 58.

(GASTRECTOMY, compl.

postop. duodenal & jejunal hemorrh. in Finsterer's gastrectomy in peptic ulcer (Pol))

HRYNIEWIECKI, Jan

~~Partial gastric resection~~ Partial gastric resection in the treatment of parenchymal hemorrhage of  
the stomach. Polski przegl. chir. 30 no.5:515-517 May 58.  
(STOMACH, hemorrhage.  
partial resect. in parenchymal hemorrh. (Pol))

POLAND

BIELSKI, Janusz and HRYNIEWIECKI, Jan, Third Clinic of Internal Diseases (III Klinika Chorob Wewnętrznych) (Acting director: Docent, Dr. M. ROZWADOWSKA-DOWZENKO) and the Third Surgical Clinic (III Klinika Chirurgiczna) (Director: Docent Dr. J. BORSZEWSKI) both of the AM [Akademia Medyczna, Medical Academy] in Poznan

"Thromboelastographic (TEG) Picture of Blood Clotting Following Operations."

Warsaw, Polski Tygodnik Lekarski, Vol 17, No 47, 19 Nov 62, pp 1821-1824.

Abstract: [Authors' English summary modified] Details are given for a study of TEG variations following operations of varying severity. TEG tracings are suggested as useful in revealing clotting troubles before they may be detected by other methods. Three references, one French, one German, and one Polish.

1/1

HRYNIEWIECKI, Jan

The apparatus for the rehabilitation of the urinary bladder in spinal cord injuries. Chir. narzad. ruchu ortop. pol. 27 no.5:585-590 '62.

1. Z III Kliniki Chirurgicznej AM w Poznaniu. Kierownik: prof. dr  
A. Piskorz.

(BLADDER DISEASES)

(SPINAL CORD INJURIES)

HRYNIEWIECKI, Jan

Experimental kidney function tests in acute ischemia of the lower extremities. Pol. przegl. chir. 35 no.10/11:1134-1138 '63.

1. Z III Kliniki Chirurgicznej AM w Poznaniu Kierownik: prof. dr A. Piskorz.

(KIDNEY FUNCTION TESTS) (ISCHEMIA)  
(LEG) (HEMATOCRIT) (POTASSIUM)  
(CREATINE AND CREATININE) (NITROGEN)

PISKORZ, Adam; MIETKIEWSKI, Kazimierz; KOPACZYK, Franciszek; HRYNIEWIECKI,  
Jan; JURCZYK, Witold; STENGERT, Krzysztof

Studies on the secretory activity of hypothalamic nuclei in  
experimental shock. Pol. przegl. chir. 36 no.3:349-356 Mr '64.

1. Z III Kliniki Chirurgicznej Akademii Medycznej w Poznaniu  
(Kierownik: prof. dr A. Piskorz) i z Zakładu Histologii  
Prawidłowej i Embriologii Akademii Medycznej (Kierownik: prof.  
dr K. Mietkowski).

PISKORZ, Adam; GLADYSZ, Boleslaw; WOJTOWICZ, Jerzy; HRYNIEWIECKI, Jan;  
STRYCZYNSKI, Jan

Radiological investigation of gastric and duodenal activity  
after vago-antrectomy in duodenal ulcer. Pol. tyg. lek. 20  
no.25:915-918 21 Je '65.

1. Z III Kliniki Chirurgicznej AM w Poznaniu (Kierownik: prof.  
dr. A. Piskorz) i z Zakladu Radiologii AM w Poznaniu (Kierownik:  
prof. dr. B. Gladysz).

BERNAT, R.; HRYNIEWIECKI, L.

Contribution to the study of changes in hydrosoluble proteins from  
the crystalline lens in cataract induced by red and infrared rays.  
Acta physiol.polon. 10 no.6:665-675 N-D '59.

1. Z Zakładu Fizjologii A.M. w Poznaniu. Kierownik: prof.dr  
E. Czarnecki.

(CATARACT exper.)

(CRYSTALLINE LENS chem.)

(PROTEINS chem.)

HRYNIEWIECKI, Lech; KRAWCZAK, Jozef

Studies on serum protein changes under the influence of diets rich in proteins of animal or vegetable origin. Acta physiol.polon. 11 no.3:405-413 My-Je '60.

1. Z Zakladu Fizjologii A.M. w Poznaniu Kierownik: prof. dr E.Czarnecki.

(BLOOD PROTEINS)

(PROTEINS nutrition & diets)

BERNAT, R.; HRYNIEWIECKI, L.

Effect of terramycin and triacetyloleandomycin on amino nitrogen level in the blood serum and erythrocytes after protein load. Acta physiol.polon. 11 no.5/6:50 '60.

1. Z Zakladu Fizjologii A.M. w Poznaniu, Kierownik: prof.dr E.Czarnecki.

(OLEANDOMYCIN rel cpds)  
(OXYTETRACYCLINE pharmacol)  
(NITROGEN blood)  
(ERYTHROCYTES)

BERNAT, R.; HRYNIEWIECKI, L.

Behavior of amino nitrogen and osmotic properties of the erythrocytes  
in experimental histamine shock in guinea pigs. Acta physiol.polon.  
11 no.5/6:651-652 '60.

1. Z Zakładu Fizjologii A.M. w Poznaniu, Kierownik: prof.dr.  
E. Czarnecki.

(NITROGEN blood)  
(ERYTHROCYTES)  
(HISTAMINE pharmacol)  
(SHOCK exper)

HRYNIEWIECKI, L.

Changes of serum proteins in experimental shock in rats, Acta  
physiol.polon. 11 no.5/6:724-725 '60.

1. Z Zakladu Fizjologii A.M. w Poznaniu. Kierownik: prof.dr  
E. Czarnecki.

(SHOCK exper)  
(BLOOD PROTEINS)

HRYNIEWIECKI, L.

Effect of growth hormone (STH) on changes of serum proteins during the course of reversible histamine shock in rats. Acta physiol. polon. 11 no.5/6:725-727 '60.

1. Z Zakładu Fizjologii A.M. w Poznaniu, Kierownik: prof.dr E.Czarnecki.

(HISTAMINE pharmacol)

(SHOCK exper)

(BLOOD PROTEINS)

(SOMATOTROPIN pharmacol)

URBANOWICZ, M.; BERNAT, R.; HRYNIEWIECKI, L.

Effect of antibiotics on morphological and chemical pictures of the organism. I. Change of certain chemical components of the blood in rabbits under the influence of oxytetracin. Acta physiol. polon. 11 no.5/6:908 '60.

1. Z Zakladu Chemii Fizjologiczney A.M. w Poznaniu, Kierownik:  
prof.dr Z.Stolzmann. Z Zakladu Fizjologii A.M. w Poznaniu.  
Kierownik: prof.dr E.Czarnecki.

(OXYTETRACYCLINE pharmacol)

(BLOOD pharmacol)

BERNIAT, Ryszard; HRYNIEWIECKI, Lech

Effect of antibiotics oxytetracycline hydrochloride and oleandomycin triacetate on the level of amino acids in the blood plasma and erythrocytes after protein load. Acta physiol pol 12 no.3:413-423 '61.

1. Z Zakładu Fizjologii A.M. w Poznaniu Kierownik: prof. dr E.Czarnecki.  
(OLEANDOMYCIN pharmacol) (OXYTETRACYCLINE pharmacol)  
(BLOOD PROTEINS pharmacol)

HRYNIEWIECKI, Lech

Effect of some anabolic hormones (growth hormone and insulin) on changes in the blood serum in reversible histamine shock. Endokr. Pol. 13 no.2: 133-148 '62.

1. Zaklad Fizjologii A. M. w Poznaniu Kierownik: prof. dr E. Czarnecki.

(SOMATOTROPIN pharmacol) (INSULIN pharmacol)  
(BLOOD PROTEINS pharmacol) (HISTAMINE toxicol)  
(SHOCK exper)

HRYNIEWIECKI, Lech; HASIK, Jan; RACHLEWICZ, Janusz; POGORSZALY, Krystyna;  
BURZYŃSKA, Maria

Amino nitrogen concentration in the blood serum after the ingestion of some foods in normal subjects and in patients with gastric and duodenal ulcer. Polskie arch. med. wewn. 32 no.4:319-330 '62.

1. Z Wojewodzkiego Ośrodka Dietetycznego przy II Klinice Chorob Wewnętrznych AM w Poznaniu Kierownik: prof. dr med. J. Roguski.  
(NITROGEN blood) (PEPTIC ULCER physiol)  
(FOOD)